

16 December 1988

SITE:

Allegany Ballistics Laboratory, Mineral County, WV  
Northern Riverside Waste Disposal Area (Site 1)

SUMMARY:

- o Ground water, surface water, sediment, and soil gas samples were collected at Site 1. A number of contaminants were detected at levels higher than the comparison values. Based upon the high concentrations of several of the contaminants, the site may present a threat to human health and the environment.

BACKGROUND

- o Waste disposal was reportedly begun at Site 1 during the 1940's. The site covers approximately 13 acres.
- o Historic waste disposal practices at the site have included: landfilling along the bank of the North Branch Potomac River, disposal of waste liquids in open pits, storage of hazardous wastes, and burning of inert solid wastes.
- o Present activities at the site are limited to burning of materials contaminated with explosives on earthen pads.
- o A preliminary Confirmation Study has been prepared and submitted to NAVFAC. <sup>Interim Report</sup> A Remedial Investigation/Feasibility Study is underway.

DISCUSSION

- o Eight shallow (35 to 57 feet) and one deep (80 feet) monitoring wells were installed. Seven of the wells have been sampled three times. Samples were analyzed for VOCs, semi VOCs, metals, TCDD, explosives, pH, chloride, sulfate and nitrates. The two remaining wells, installed in 1987, were sampled only for VOCs. Ground water samples show confirmed (detected at least twice, except two new wells), elevated concentrations of the following:

10/10/10

- to  
to



FIGURE 1-1 SITE 10 LOCATIONS

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11/21/88  
Site 10

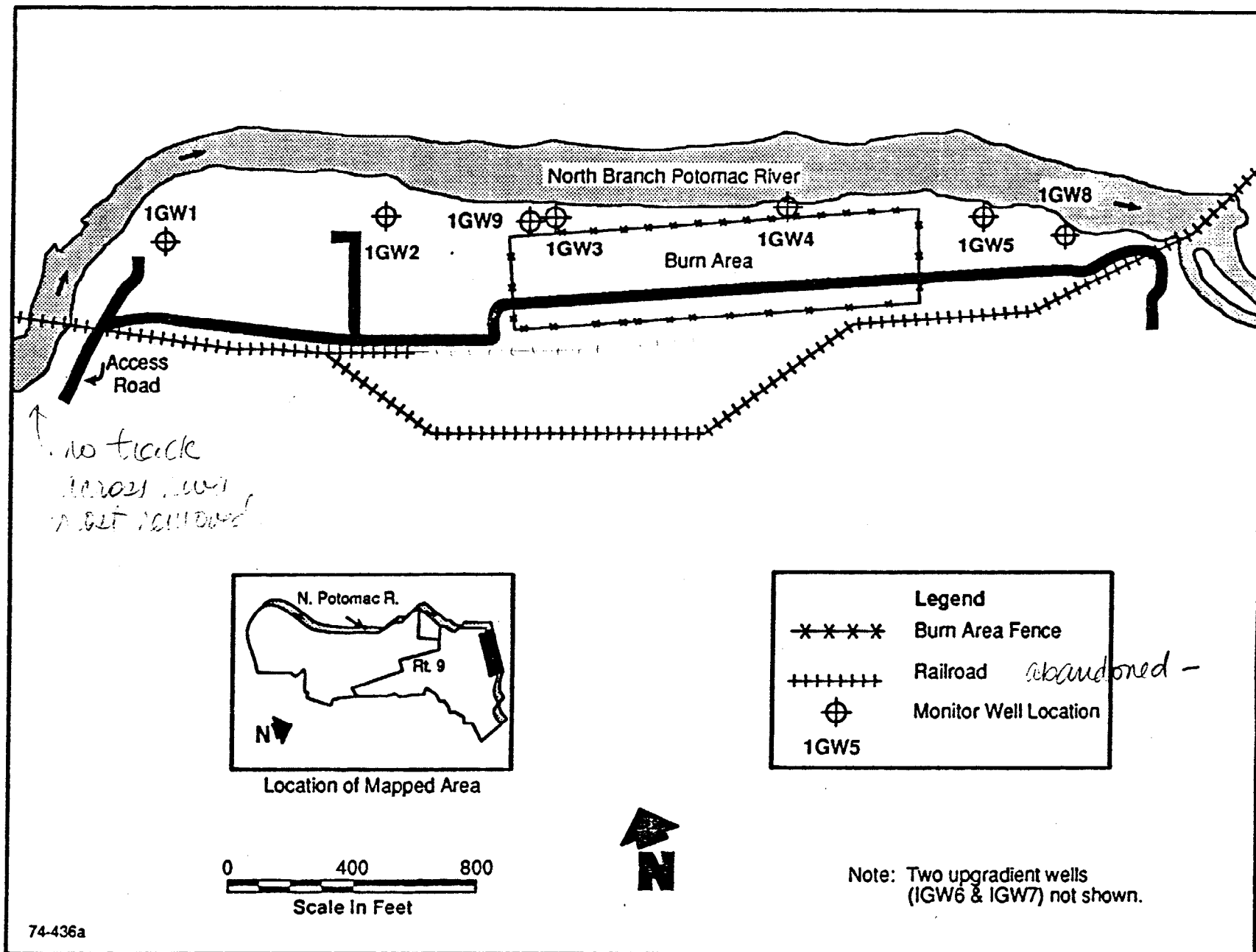
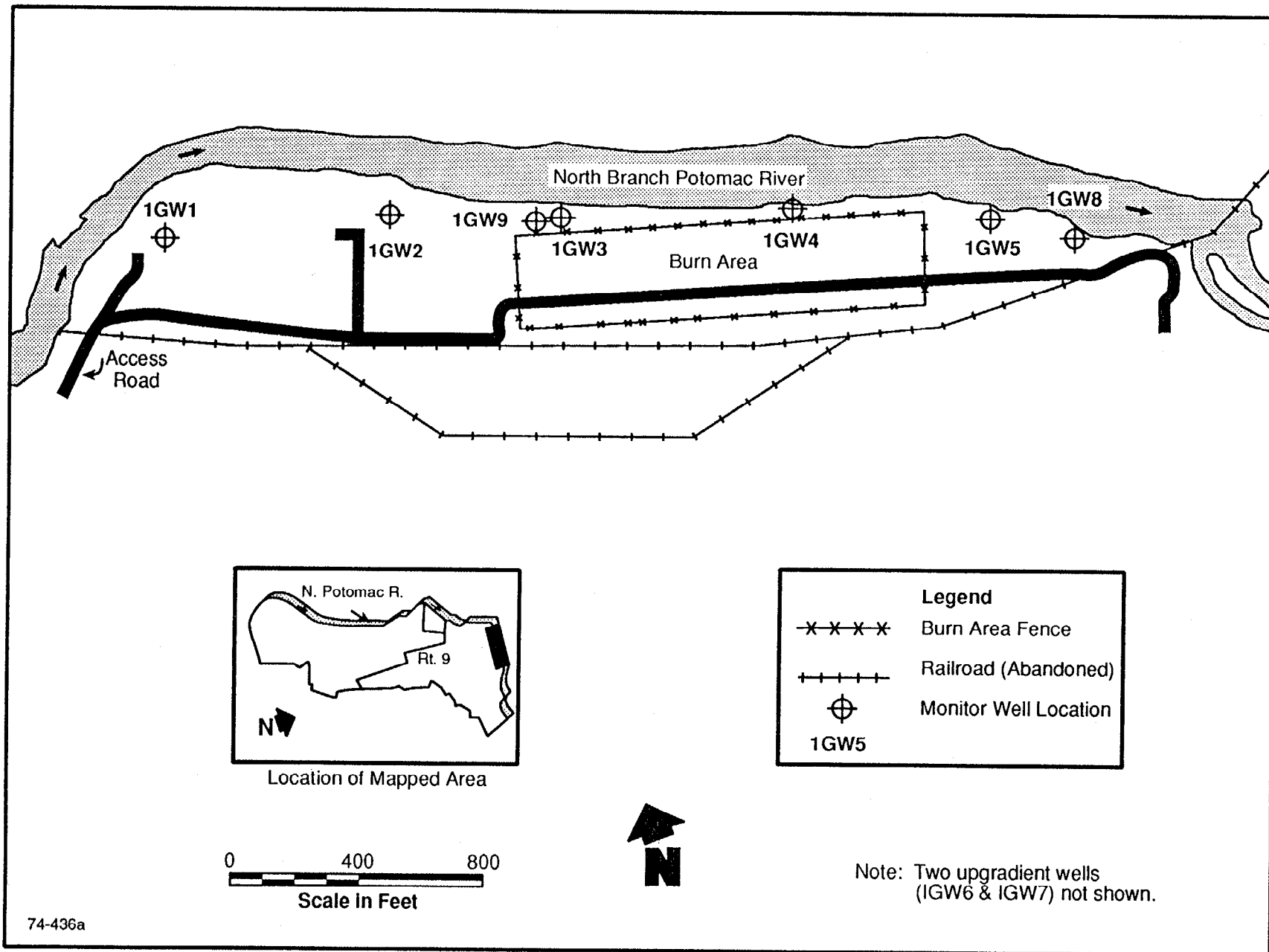


FIGURE 1-2 NORTHERN RIVERSIDE WASTE DISPOSAL AREA (SITE 1)

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FIGURE 1-2 NORTHERN RIVERSIDE WASTE DISPOSAL AREA (SITE 1)